

Inventor: Boncyk, Wayne et al.
Serial No.: 09/992,942
Atty Dkt No. 101044.0001US1

Art Unit: 2621
Examiner: Ishrat Sherali

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1-30 (Canceled)

31. (previously presented) A system comprising:
 - a camera that captures an image;
 - a telephony device programmed to transmit at least a portion of the image to a distal service;
 - the service programmed to receive the image, identify an object within the image; distinguish the object from others using a database that stores image characteristics of target objects including diverse types of target objects; associate the object with an information address; and return the address to the telephony device; and
 - the telephony device further programmed to utilize the address to retrieve an item of information related to the object.
32. (previously presented) The system of claim 31, wherein the telephony device comprises a hand-held computer.
33. (previously presented) The system of claim 32, wherein the telephony device comprises a cell-phone.
34. (previously presented) The system of claim 31, wherein the service is further programmed to identify the object by applying multiple algorithms to the image, and identify the object as a function of a confidence levels associated with results of the multiple algorithms.
35. canceled
36. (previously presented) The system of claim 31, wherein the object is not encoded with any data.

Inventor: Boncyk, Wayne et al.
Serial No.: 09/992,942
Attny Dkt. No. 101044.0001US1

Art Unit: 2621
Examiner: Ishrat Sherai

37. (previously presented) The system of claim 36, further comprising identifying a bar code or other symbol within the image.

38. (previously presented) The system of claim 31, wherein the service is hosted on a computer distal to the telephony device.

39. (previously presented) The system of claim 31, wherein the service is further programmed to select the address from among a plurality of addresses that provide content in a format suitable for display on the telephony device.

40. (previously presented) The system of claim 31, wherein the item of information comprises data that can be utilized to conduct a commercial transaction related to the object.

41. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use the address to conduct a commercial transaction related to the object.

42. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to initiate a software process on a distal computer.

43. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to initiate a telephone call.

44. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to initiate a radio communication.

45. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to send data received from the service to a web site.

46. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to display graphics.

Inventor: Bonyk, Wayne et al
Serial No.: 09/992,942
Amy Dkt. No. 101044.0001US1

Art Unit: 2621
Examiner: Ishrat Sherah

47. (previously presented) The system of claim 31, wherein the telephony device is further programmed to use at least one of the address and the item of information to produce an audible sound.